

**Introducing the Role of Data Modelling for Better Outcomes in Women's Health**

Rachael Duncan, BioSS

Introduction to the session and the importance of including women statisticians and data scientists for better health outcomes.

Putting Women Data Modellers at the Centre of Women's Health Research in Sub-Saharan Africa

Halima Twabi, University of Malawi

When we talk about women's health in Sub-Saharan Africa, the focus is often on outcomes such as maternal mortality, HIV, and non-communicable diseases. Yet we rarely ask: Who is analysing the data, building the models, and interpreting results that shape policy decisions? Despite increasingly rich datasets, advanced analyses are often led externally, leaving local researchers, especially women, underrepresented. The SWRNAC project responds by placing women data modellers at the centre of capacity strengthening. This talk delves into the work the SWRNAC project is doing by equipping women researchers with advanced technical and analytical skills while promoting research through a gender lens. The project helps in asking how inequalities shape exposure, access, and outcomes. In doing so, it supports more inclusive, contextually grounded, and policy-relevant evidence for improving women's health.

Divided: Racism, Medicine and Why We Need to Decolonise Healthcare

Annabel Sowemimo, King's College London

Women in Biometrics: The Role of Statistics in Breast Cancer Drug Development

Lucy Teece, AstraZeneca

